European Journal of Applied Physiology
and Occupational Physiology

Volume 79 · 1999

Editor-in-Chief

P. E. di Prampero, Udine

Editors

V. Candas, Strasbourg
J. R. Lacour, Lyon
R. Maughan, Aberdeen
J. R. Poortmans, Brussels
F. Saibene, Milan
A. J. Sargeant, Manchester
N. H. Secher, Copenhagen
G. Sjøgaard, Odense
S. A. Ward, Glasgow

Editorial Board

J. Bittel, La Tronche
D. Böning, Berlin
P. Cerretelli, Milano
J. Duchateau, Brussels
D. Eßfeld, Cologne
A. Gollhofer, Stuttgart
P. L. Greenhaff, Nottingham
C. Y. Guezennec, Brétigny sur Orge
A. de Haan, Amsterdam
J. Henriksson, Stockholm
W. Kindermann, Saarbrücken
M. Kjaer, Copenhagen
D. Linnarsson, Stockholm
S. E. Mathiassen, Solna
M. Miyamura, Nagoya
T. Moritani, Kyoto
D. J. Newham, London
T. Noakes, Newlands, South Africa
B. K. Pedersen, Copenhagen
C. Prefaut, Montpellier
K. Rodahl, Oslo
K. Sahlin, Stockholm
J. J. A. Scott, Leicester
R. J. Shephard, Toronto
M. J. Stokes, London
P. Ullsperger, Berlin
K. Wasserman, Torrance, CA
C. Williams, Loughborough

Springer

European Journal of Applied Physiology
and Occupational Physiology

Volume 79 · 1999

Editor-in-Chief

P. E. di Prampero, Udine

Editors

V. Candas, Strasbourg
J. R. Lacour, Lyon
R. Maughan, Aberdeen
J. R. Poortmans, Brussels
F. Saibene, Milan
A. J. Sargeant, Manchester
N. H. Secher, Copenhagen
G. Sjøgaard, Odense
S. A. Ward, Glasgow

Editorial Board

J. Bittel, La Tronche
D. Böning, Berlin
P. Cerretelli, Milano
J. Duchateau, Brussels
D. Eßfeld, Cologne
A. Gollhofer, Stuttgart
P. L. Greenhaff, Nottingham
C. Y. Guezennec, Brétigny sur Orge
A. de Haan, Amsterdam
J. Henriksson, Stockholm
W. Kindermann, Saarbrücken
M. Kjaer, Copenhagen
D. Linnarsson, Stockholm
S. E. Mathiassen, Solna
M. Miyamura, Nagoya
T. Moritani, Kyoto
D. J. Newham, London
T. Noakes, Newlands, South Africa
B. K. Pedersen, Copenhagen
C. Prefaut, Montpellier
K. Rodahl, Oslo
K. Sahlin, Stockholm
J. J. A. Scott, Leicester
R. J. Shephard, Toronto
M. J. Stokes, London
P. Ullsperger, Berlin
K. Wasserman, Torrance, CA
C. Williams, Loughborough

Springer

Contents of volume 79

No. 1: pp 1–118 published December 1998
No. 2: pp 119–204 published January 1999
No. 3: pp 205–298 published February 1999
No. 4: pp 299–382 published March 1999
No. 5: pp 383–466 published April 1999
No. 6: pp 467–538 published May 1999

Aguado X → Izquierdo M
Alfonso A → Lucia A
Ali M → Green HJ
Andreoni S → Neder JA
Araki T → Inoue Y
Arendt-Nielsen L → Madeleine P
Arvidsson B → Seger JY
Ashenden MJ, Gore CJ, Burge CM, Clough ML, Bourdon PC, Dobson GP, Hahn AG: Skin-prick blood samples are reliable for estimating Hb mass with the CO-dilution technique 535

Ball D, Burrows C, Sargeant AJ: Human power output during repeated sprint cycle exercise: the influence of thermal stress 360
Baltzopoulos V → Maganaris CN
Banister EW, Carter JB, Zarkadas PC: Training theory and taper: validation in triathlon athletes 182
Bär PR → Zonderland ML
Baráčková M → Haluzík M
Barker M → Kusenbach G
Barlet J-P → Horcajada-Molteni M-N
Bärtsch P → Strobel G
Batterham AM → George KP
Baum M, Klöpping-Menke K, Müller-Steinhardt M, Liesen H, Kirchner H: Increased concentrations of interleukin 1-β in whole blood cultures supernatants after 12 weeks of moderate endurance exercise 500
Behn C → Gunga H-C
Bell DG, Jacobs I, Zamecnik J: Reply to the letter by Morton 381
Belli A → Hintzy F
Bermon S, Philip P, Ferrari P, Candito M, Dolisi C: Effects of a short-term strength training programme on lymphocyte subsets at rest in elderly humans 336
Bernardes RP, Radomski MW: Growth hormone responses to continuous and intermittent exercise in females under oral contraceptive therapy 24
Bigard AX → Bricout V-A
Binkhorst RA → Houtman S
Bittel J → Koulmann N
Böning D, Maassen N, Steinacker JM, Seifert C, Thomas A, Schmidt W: Carbon dioxide storage and non-bicarbonate buffering in the human body before and after an Himalayan expedition 457
Bosco C, Cardinale M, Tsarpela O: Influence of vibration on mechanical power and electromyogram activity in human arm flexor muscles 306
Boucher JP → Gabriel DA
Boudová L → Haluzík M
Bourdon L → Koulmann N
Bourdon PC → Ashenden MJ
Boushel R, Pott F, Madsen P, Rådegran G, Nowak M, Quistorff B, Secher N: Muscle metabolism from near infrared spectroscopy during rhythmic handgrip in humans 41
Boussana A → Le Gallais D
Boutellier U → Spengler CM
Brandejský P → Haluzík M
Bricout V-A, Serrurier BD, Bigard AX, Guezennec CY: Effects of hindlimb suspension and androgen treatment on testosterone receptors in rat skeletal muscles 443
Burge CM → Ashenden MJ
Burrows C → Ball D

Calderón FJ → Lucía A
Calders P → Matthys D
Campbell IG → Tolfrey K
Camus G, Nys M, Poortmans J-R, Venneman I, Monfils T, Deby-Dupont G, Juchmés-Ferir A, Deby C, Lamy M, Duchateau J: Endotoxaemia, production of tumour necrosis factor α and polymorphonuclear neutrophil activation following strenuous exercise in humans 62
Candito M → Bermon S
Caprihan A, Sanders JA, Cheng HA, Loeppky JA: Effect of head-down tilt on brain water distribution 367
Cardinale M → Bosco C
Carter JB → Banister EW
Carter S → Green HJ
Carter SM → Mills PJ
Carvajal A → Lucía A
Casasnovas B → Leterme D
Chantegraille MC → Chatard JC
Chapman MAJ → Rice AJ
Chatard JC, Mujika I, Chantegraille MC, Kostucha J: Performance and physiological responses to a 5-week synchronized swimming technical training programme in humans 479
Cheng HA → Caprihan A
Chicharro JL → Lucía A
Choi JY → Masuda K
Clough ML → Ashenden MJ
Coates G → Green HJ
Coombes JS → Vincent HK
Cote RR → Pandolf KB
Coutts KD → Pripstein LP
Coxam V → Horcajada-Molteni M-N
Crowell HP → Knapik JJ
Culioli J → Horcajada-Molteni M-N

Daly RM, Rich PA, Klein R: Hormonal responses to physical training in high-level peripubertal male gymnasts 74
Davicco M-J → Horcajada-Molteni M-N
Davila EH → Gunga H-C
Deby C → Camus G
Deby-Dupont G → Camus G
Demirel HA → Vincent HK
Denis PM → Kenny GP
Dennis SC, Noakes TD: Advantages of a smaller bodymass in humans when distance-running in warm, humid conditions 280
Di Vetta V → Dirlewanger M
Dimsdale JE → Mills PJ
Dirlewanger M, Di Vetta V, Giusti V, Schneiter P, Jéquier E, Tappy L: Effect of moderate physical activity on plasma leptin concentration in humans 331
Dobson GP → Ashenden MJ
Dolisi C → Bermon S
Dominguez B → Horcajada-Molteni M-N
Doust JH → James DVB
Drost MR → Koerts-de Lang E
Duchateau J → Camus G

Ehler KL → Hill DW
Elert J → Lundblad I
Esbjörnsson-Liljedahl M, Jansson E: Sex difference in plasma ammonia but not in muscle inosine monophosphate accumulation following sprint exercise in humans 404
Essfeld D → Kusenbach G
Estrada MI → Gunga H-C

Ferguson CS → Hill DW
Ferlin EL → Polanczyk CA
Ferrari P → Bermon S
FitzGerald MX → Thin AG
Foley J → Ploutz-Snyder L
Freaney R → Thin AG
Freund BJ → Pandolf KB
Friedmann B → Strobel G
Fukunaga T → Kanehisa H
Fuller A, Oosthuyse T, Maloney SK, Mitchell D: Evaluation of miniature data loggers for body temperature measurement during sporting activities 341

Gabriel DA, Boucher JP: Effects of repetitive dynamic contractions upon electromechanical delay 37
Galbo H → Kappel M
Galbo H → Klokker M
Gaud R → Zérath E
George KP, Batterham AM, Jones B: Echocardiographic evidence of concentric left ventricular enlargement in female weight lifters 88
Gerdle B → Lundblad I
Giesbrecht GG → Kenny GP
Giesbrecht GG → Tikuisis P
Giusti V → Dirlewanger M
Glatz JFC → Górski J
Glatz JFC → Zonderland ML
Gonzalez R → Izquierdo M
Goodwin PC, Koorts K, Mack R, Mai S, Morrissey MC, Hooper DM: Reliability of leg muscle electromyography in vertical jumping 374
Gore CJ → Ashenden MJ
Gore CJ → Rice AJ
Górski J, Żendzian-Piotrowska M, Jong YF de, Niklińska W, Glatz JFC: Effect of endurance training on the phospholipid content of skeletal muscles in the rat 421
Grant S → Green HJ
Grappe F → Hintzy F
Green HJ, Carter S, Grant S, Tupling R, Coates G, Ali M: Vascular volumes and hematology in male and female runners and cyclists 244
Greville HW → Rice AJ
Guezennec CY → Bricout V-A
Gunga H-C, Kirsch K, Röcker L, Behn C, Koralewski E, Davila EH, Estrada MI, Johannes B, Wittels P, Jelkmann W: Vascular endothelial growth factor in exercising humans under different environmental conditions 484
Gür H → Sürmen-Gür E

Hahn AG → Ashenden MJ
Häkkinen K → Izquierdo M
Haluzik M, Boudová L, Nedvídková J, Haluziková D, Baráčková M, Brandejský P, Vilikus Z: Lower serum leptin concentrations in rugby players in comparison with healthy non-sporting subjects relationships to anthropometric and biochemical parameters 58
Haluziková D → Haluzik M
Hamzah Z → Thin AG
Harper W → Knapik JJ
Hayot M → Le Gallais D
Hesselink MKC → Koerts-de Lang E
Hill DW, Ferguson CS, Ehler KL: An alternative method to determine maximal accumulated O_2 deficit in runners 114
Hill DW, Ferguson CS: A physiological description of critical velocity 290
Hintzy F, Belli A, Grappe F, Rouillon J-D: Optimal pedalling velocity characteristics during maximal and submaximal cycling in humans 426
Hirata K → Inoue Y
Hoffmann U → Kusenbach G
Hollmann W → Strüder HK
Holmes MD → Rice AJ
Holy X → Zérath E
Hooper DM → Goodwin PC
Hopman MTE → Houtman S
Horcajada-Molteni M-N, Davicco M-J, Coxam V, Lebecque P, Dominguez B, Ritz P, Culioli J, Barlet J-P: Treadmill running starting 3 months after orchidectomy restores femoral bone mass in rats 251
Horita T, Komi PV, Nicol C, Kyröläinen H: Effect of exhausting stretch-shortening cycle exercise on the time course of mechanical behaviour in the drop jump: possible role of muscle damage 160
Houtman S, Thielen JJHC, Binkhorst RA, Hopman MTE: Effect of a pulsating anti-gravity suit on peak exercise performance in individual with spinal cord injuries 202
Hue O → Le Gallais D

Iivonen M → Mäntyvaara J
Inoue Y, Shibasaki M, Hirata K, Araki T: Relationship between skin blood flow and sweating rate, and age related regional differences 17
Inoue Y, Shibasaki M, Ueda H, Ishizashi H: Mechanisms underlying the age-related decrement in the human sweating response 121
Interisano SA → MacDonald JR
Ishizashi H → Inoue Y
Izquierdo M, Aguado X, Gonzalez R, López JL, Häkkinen K: Maximal and explosive force production capacity and balance performance in men of different ages 260

Jacobs I → Bell DG
James DVB, Doust JH: Oxygen uptake during high-intensity running: response following a single bout of interval training 237
Jansson E → Esbjörnsson-Liljedahl M
Jelkmann W → Gunga H-C
Jéquier E → Dirlewanger M
Jimenez C → Koulmann N
Johannes B → Gunga H-C
Jones AM → Tolfrey K
Jones B → George KP
Jong YF de → Górski J
Juchmés-Ferir A → Camus G

Kadas V → Tzelepis GE
Kakiyama T, Koda Y, Matsuda M: Effects of physical inactivity on aortic distensibility in visually impaired young men 205
Kanaley J → Ploutz-Snyder L
Kanehisa H, Fukunaga T: Profiles of musculoskeletal development in limbs of college Olympic weightlifters and wrestlers 414
Kappel M, Poulsen TD, Galbo H, Pedersen BK: Effects of elevated plasma noradrenaline concentration on the immune system in humans 93
Katsuta S → Masuda K
Kauranen K, Siira P, Vanharanta H: Strength training for 1h in humans: effect on the motor performance of normal upper extremities 383
Keizer HA → Zonderland ML
Kellis E, Unnithan VB: Co-activation of vastus lateralis and biceps femoris muscles in pubertal children and adults 504
Kemppainen P → Mäntyvaara J
Kenney JL → Pandolf KB
Kenny GP, Denis PM, Proulx CE, Giesbrecht GG: The effect of dynamic exercise on resting cold thermoregulatory responses measured during water immersion 495
Kettunen JA, Kujala UM, Räty H, Sarna S: Jumping height in former elite athletes 197
Kirchner H → Baum M
Kirjavainen T → Mäntyvaara J
Kirkeboen KA → Kvernmo HD
Kirsch K → Gunga H-C
Kjær M → Klokker M
Klöpping-Menke K → Baum M
Klein R → Daly RM
Klokker M, Mohr T, Kjær M, Galbo H, Pedersen BK: The natural killer cell response to exercise in spinal cord injured individuals 106
Knapik JJ, Harper W, Crowell HP: Physiological factors in stretcher carriage performance 409
Koda Y → Kakiyama T
Koerts-de Lang E, Hesselink MKC, Drost MR, van der Vusse GJ, Wouters EFM, Schols AMWJ: Enzyme activity of rat tibialis anterior muscle differs between treatment with triamcinolone and prednisolone and nutritional deprivation 274
Komi PV → Horita T
Koorts K → Goodwin PC
Koralewski E → Gunga H-C
Koryak Y: The effects of long-term simulated microgravity on neuromuscular performance in men and women 168
Kostucha J → Chatard JC
Koulmann N, Melin B, Bourdon L, Péronnet F, Jimenez C, Pouzeratte N, Savourey G, Launay J-C, Bittel J: Effects of acute hypobaric hypoxia on the appearance of ingested deuterium from a deuterium oxide-labelled carbohydrate beverage in body fluids of humans during prolonged cycling exercise 397
Kujala UM → Kettunen JA
Kusenbach G, Wieching R, Barker M, Hoffmann U, Essfeld D: Effects of hyperoxia on oxygen uptake kinetics in cystic fibrosis patients as determined by pseudo-random binary sequence exercise 192
Kvernebo K → Kvernmo HD

Kvernmo HD, Stefanovska A, Kirkeboen KA, Østerud B, Kvernebo K: Enhanced endothelium-dependent vasodilatation in human skin vasculature induced by physical conditioning 30
Kyröläinen H → Horita T

Lamy M → Camus G
Laube SM → Spengler CM
Launay J-C → Koulmann N
Le Gallais D, Hayot M, Hue O, Wouassi D, Boussana A, Ramonatxo M, Préfaut C: Metabolic and cardioventilatory responses during a graded exercise test before and 24 h after a triathlon 176
Lebecque P → Horcajada-Molteni M-N
Leite C → Polanczyk CA
Leterme D, Casasnovas B: Adaptation of rat lateral gastrocnemius muscle motor units during hindlimb unloading 312
Liesen H → Baum M
Loeppky JA → Caprihan A
López JL → Izquierdo M
Lucía A, Carvajal A, Calderón FJ, Alfonso A, Chicharro JL: Breathing pattern in highly competitive cyclists during incremental exercise 512
Lundager B → Madeleine P
Lundblad I, Elert J, Gerdle B: Worsening of neck and shoulder complaints in humans are correlated with frequency parameters of electromyogram recorded 1-year earlier 7

Maassen N → Böning D
MacDonald JR, MacDougall JD, Interisano SA, Smith KM, McCartney N, Moroz JS, Younglai EV, Tarnopolsky MA: Hypotension following mild bouts of resistance exercise and submaximal dynamic exercise 148
MacDougall JD → MacDonald JR
Mack R → Goodwin PC
Madeleine P, Lundager B, Voigt M, Arendt-Nielsen L: Shoulder muscle co-ordination during chronic and acute experimental neck-shoulder pain. An occupational pain study 127
Madsen P → Boushel R
Maganaris CN, Baltzopoulos V: Predictability of in vivo changes in pennation angle of human tibialis anterior muscle from rest to maximum isometric dorsiflexion 294
Mai S → Goodwin PC
Maisel AS → Mills PJ
Maloney SK → Fuller A
Mäntyvaara J, Sjöholm T, Kirjavainen T, Waltimo A, Iivonen M, Kemppainen P, Pertovaara A: Altered control of submaximal bite force during bruxism in humans 325
Marais G → Weissland T
Masuda K, Choi JY, Shimojo H, Katsuta S: Maintenance of myoglobin concentration in human skeletal muscle after heavy resistance training 347
Matsuda M → Kakiyama T
Matthys D, Calders P, Pannier JL: Inhaled salbutamol decreases blood ammonia levels during exercise in normal subjects 110
Maughan RJ → Pitsiladis YP
McCartney N → MacDonald JR
McCool FD → Tzelepis GE
McKenzie DC → Pripstein LP
McInnis MD, Newhouse IJ, von Duvillard SP, Thayer R: The effect of exercise intensity on hematuria in healthy male runners 99
McLoughlin P → Thin AG
Melin B → Koulmann N
Meyer R → Ploutz-Snyder L
Mills PJ, Rehman J, Ziegler MG, Carter SM, Dimsdale JE, Maisel AS: Non-selective β blockade attenuates the recruitment of CD62L− T lymphocytes following exercise 531
Mitchell D → Fuller A
Mohr T → Klokker M
Molderings GJ → Strüder HK
Monfils T → Camus G
Moraes RS → Polanczyk CA
Moroz JS → MacDonald JR
Morrissey MC → Goodwin PC
Morton RH: Effects of caffeine, ephedrine and their combinations on time to exhaustion during high-intensity exercise 379
Mujika I → Chatard JC
Müller-Steinhardt M → Baum M

Naito H → Vincent HK
Neder JA, Nery LE, Silva AC, Andreoni S, Whipp BJ: Maximal aerobic power and leg muscle mass and strength related to age in non-athletic males and females 522
Nedvídková J → Haluzík M
Nery LE → Neder JA
Newhouse IJ → McInnis MD
Nicol C → Horita T
Niklińska W → Górski J
Noakes TD → Dennis SC
Nowak M → Boushel R
Nys M → Camus G

Oosthuyse T → Fuller A
Østerud B → Kvernmo HD
Öztürk E → Sürmen-Gür E

Pandolf KB, Young AJ, Sawka MN, Kenney JL, Sharp MW, Cote RR, Freund BJ, Valeri CR: Does erythrocyte infusion improve 3.2-km run performance at high altitude? 1
Pannier JL → Matthys D
Pedersen BK → Kappel M
Pedersen BK → Klokker M
Pelayo P → Weissland T
Péronnet F → Koulmann N
Pertovaara A → Mäntyvaara J
Philip P → Bermon S
Pitsiladis YP, Maughan RJ: The effects of alterations in dietary carbohydrate intake on the performance of high-intensity exercise in trained individuals 433
Platen P → Strüder HK
Ploutz-Snyder L, Foley J, Ploutz-Snyder R, Kanaley J, Sagendorf K, Meyer R: Gastric gas and fluid emptying assessed by magnetic resonance imaging 212
Ploutz-Snyder R → Ploutz-Snyder L
Polanczyk CA, Rohde LEP, Moraes RS, Ferlin EL, Leite C, Ribeiro JP: Sympathetic nervous system representation in time and frequency domain indices of heart rate variability 69
Poortmans J-R → Camus G
Pott F → Boushel R
Poulsen TD → Kappel M
Pouzeratte N → Koulmann N
Powers SK → Vincent HK
Préfaut C → Le Gallais D
Pripstein LP, Rhodes EC, McKenzie DC, Coutts KD: Aerobic and anaerobic energy during a 2-km race simulation in female rowers 491
Proulx CE → Kenny GP
Pündük Z → Sürmen-Gür E

Quistorff B → Boushel R

Rådegran G → Boushel R
Radomski MW → Bernardes RP
Ramonatxo M → Le Gallais D
Räty H → Kettunen JA
Rehman J → Mills PJ
Reiß J → Strobel G
Reijneveld JC → Zonderland ML
Rhodes EC → Pripstein LP
Ribeiro JP → Polanczyk CA
Rice AJ, Scroop GC, Gore CJ, Thornton AT, Chapman MAJ, Greville HW, Holmes MD, Scicchitano R: Exercise-induced hypoxaemia in highly trained cyclists at 40% peak oxygen uptake 353
Rich PA → Daly RM
Ritz P → Horcajada-Molteni M-N
Robin H → Weissland T
Röcker L → Gunga H-C
Rohde LEP → Polanczyk CA
Roos M → Spengler CM
Rouillon JD → Hintzy F

Sagendorf K → Ploutz-Snyder L
Sanders JA → Caprihan A
Sargeant AJ → Ball D
Sarna S → Kettunen JA
Savourey G → Koulmann N
Sawka MN → Pandolf KB
Schmidt W → Böning D
Schmitt D → Zérath E
Schneiter P → Dirlewanger M
Schols AMWJ → Koerts-de Lang E
Scicchitano R → Rice AJ
Scroop GC → Rice AJ
Secher N → Boushel R
Seger JY, Arvidsson B, Thorstensson A: Specific effects of eccentric and

concentric training on muscle strength and morphology in humans 49
Seifert C → Böning D
Serrurier BD → Bricout V-A
Sharp MW → Pandolf KB
Shibasaki M → Inoue Y
Shimojo H → Masuda K
Siira PT → Kauranen K
Silva AC → Neder JA
Sjöholm T → Mäntyvaara J
Smith KM → MacDonald JR
Spengler CM, Roos M, Laube SM, Boutellier U: Decreased exercise blood lactate concentrations after respiratory endurance training in humans 299
Spruijt BM → Zonderland ML
Stefanovska A → Kvernmo HD
Steinacker JM → Böning D
Strüder HK, Hollmann W, Platen P, Wöstmann R, Weicker H, Molderings GJ: Effect of acute and chronic exercise on plasma amino acids and prolactin concentrations and on [^{3}H]ketanserin binding to serotonin$_{2A}$ receptors on human platelets 318
Strobel G, Reiß J, Friedmann B, Bärtsch P: Effect of repeated bouts of short-term exercise on plasma free and sulphoconjugated catecholamines in humans 82
Sürmen-Gür E, Öztürk E, Gür H, Pündük Z, Tuncel P: Effect of vitamin E supplementation on post-exercise plasma lipid peroxidation and blood antioxidant status in smokers: with special reference to haemoconcentration effect 472

Tappy L → Dirlewanger M
Tarnopolsky MA → MacDonald JR
Thayer R → McInnis MD
Thielen JJHC → Houtman S
Thin AG, Hamzah Z, FitzGerald MX, McLoughlin P, Freaney R: Lactate determination in exercise testing using an electrochemical analyser: with or without blood lysis? 155
Thomas A → Böning D
Thornton AT → Rice AJ
Thorstensson A → Seger JY
Tikuisis P, Giesbrecht GG: Prediction of shivering heat production from core and mean skin temperatures 221
Tokura H → Zhang P
Tolfrey K, Campbell IG, Jones AM: Intra-individual variation of plasma lipids and lipoproteins in prepubescent children 449
Tsarpela O → Bosco C
Tuncel P → Sürmen-Gür E
Tupling R → Green HJ
Tzelepis GE, Kadas V, McCool FD: Inspiratory muscle adaptations following pressure or flow training in humans 467

Ueda H → Inoue Y
Unnithan VB → Kellis E

Valeri CR → Pandolf KB
van der Vusse GJ → Koerts-de Lang E
Vanharanta H → Kauranen K
Vanvelcenaher J → Weissland T
Venneman I → Camus G
Vilikus Z → Haluzik M
Vincent HK, Powers SK, Demirel HA, Coombes JS, Naito H: Exercise training protects against contraction-induced lipid peroxidation in the diaphragm 268
Voigt M → Madeleine P
von Duvillard SP → McInnis MD

Waltimo A → Mäntyvaara J
Weicker H → Strüder HK
Weissland T, Marais G, Robin H, Vanvelcenaher J, Pelayo P: Relationship in humans between spontaneously chosen crank rate and power output during upper body exercise at different levels of intensity 230
Whipp BJ → Neder JA
Wieching R → Kusenbach G
Wittels P → Gunga H-C
Wöstmann R → Strüder HK
Wouassi D → Le Gallais D
Wouters EFM → Koerts-de Lang E

Young AJ → Pandolf KB
Younglai EV → MacDonald JR

Zamecnik J → Bell DG
Zarkadas PC → Banister EW
Żendzian-Piotrowska M → Górski J
Zérath E, Holy X, Gaud R, Schmitt D: Decreased serum levels of 1,25-(OH)$_2$ vitamin D during 1 year of sunlight deprivation in the Antarctic 141
Zhang P, Tokura H: Thermoregulatory responses in humans during exercise after exposure to two different light intensities 285
Ziegler MG → Mills PJ
Zonderland ML, Bär PR, Reijneveld JC, Spruijt BM, Keizer HA, Glatz JFC: Different metabolic adaptation of heart and skeletal muscles to moderate-intensity treadmill training in the rat 391